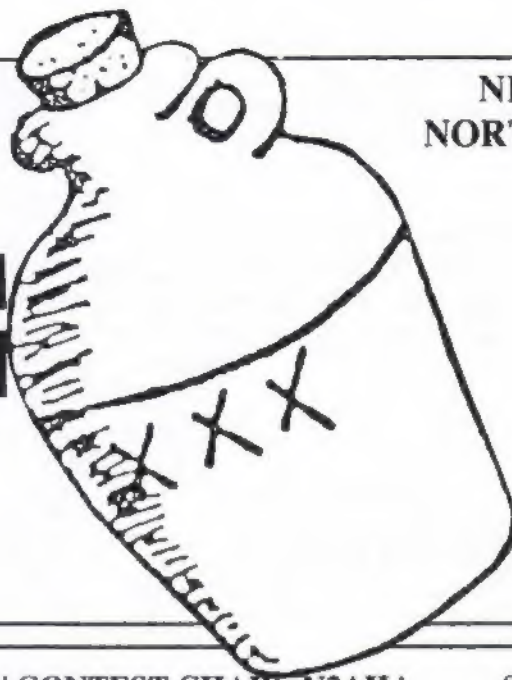


**THE NCCC**

# JUG



**NEWSLETTER OF THE  
NORTHERN CALIFORNIA  
CONTEST CLUB**

**EDITOR, W6ISQ  
JOHN G. TROSTER  
ED ASST. KC6NFE  
82 BELBROOK WAY  
ATHERTON, CA., 94027**

**NUMBER 236  
JANUARY, 1992**

**PRESIDENT: KA6ING**

**V.P./ CONTEST CHAIR: N3AHA**

**SEC /TREASURER:KJ6LD**

**DIRECTORS: W6ISQ WA6SDM N6TV W0ZZ**

## **FIVE MILLION POINT AWARD**

**de AL, AD6E**

## **BREEZE FROM LOUESE Resolutions Resolved**

The FIVE MEG AWARD has generated lots of interest since it started in July 1986. From time-to-time, rules and standings will be published in the JUG. Any questions about rules, or points' standing, should be addressed to the VPCC and/or AD6E.

### **PURPOSE**

This award is intended to give recognition for sustained efforts by NCCC members. All too often club members with moderate stations, compete year-in and year-out without a reasonable chance to win major awards. The Five Million Point Award is designed to rectify this situation and is issued on a once-per-person basis.

### **RULES**

1. This award requires the accumulation of five million points.
2. Point totals shall be accrued by the VPCC from copies of Summary Sheets which the contestant has submitted as a valid Entry.
3. Any contest entry may be submitted provided entrant is competing from NCCC territory. (Award can't. page 2.)

**W6ISQ:** Hello Louese. What do you want to tell your Miserable Minions (MMs) this month?

**KA6ING:** Hi Jack!

**ISQ:** Don't say that around an airport.

**ING:** And they are not MMs. They are nice people. Sometimes.

**ISQ:** Sounds like as if you have a New Year's admonition to dispense upon your miserable subjects.

**ING:** Yes, I sure do.

**ISQ:** Pray, unload upon your MMs.

**ING:** Sometimes some of our members are not too nice or polite to each other over the air. Some very discourteous things are said in contests.

**ISQ:** Yes, but in a contest, with everybody tired and fighting for mulds and—

**ING:** That is no excuse for nasty remarks and "put downs" in the middle of a contest. Let us all remember we are trying to do our best for the club. Depreciating remarks do not help in the common effort, especially when directed at new members. If you have anything critically constructive, please tell the person in private at a meeting sometime.

**ISQ:** Courtesy sounds like a good New Year's Revolution for all members to adopt. I'll use that one myself. And I'll make sure everyone on the staff of the JUG uses it too.

**ING:** Right down to the MM who dishes out the ice cream.

**ING:** Thanks. Now moving on, we've got some controversy about a NCCC award that is listed in our awards manual but has not been given out since 1985. Don't know why.

**ISQ:** Maybe nobody has deserved it since 1985. What is it?

**ING:** "Contester of the Year." That's what. Should we really give out awards for all those lost years, or just begin again with 1991?

(Louese can't. page 2, col 2)



(Award con't from page 1, col. 1)

4. It is not necessary for the NCCC to be participating as a club for your point totals to count toward this award.

5. Participation with a Multi-Multi or Multi-Single station can count for this award. To calculate your portion for this award, divide the total score by the total number of operators and submit a summary for that portion of the effort.

### HOW TO ENTER

Send a duplicate copy of your Summary Sheet to the VPCC. In the case of club contests, two summary sheets should be submitted. One sheet for the club entry and a second sheet marked "Five Million Point Award". In any event, the summary should be clearly marked "Five Million Point Award".



NCCC BRASS, LEFT TO RIGHT, V.P. ACE, N3AHA;  
PRES. LOUESE, KA6ING; SEC/TREAS. HENRY, KJ6LD



ENJOYING THE CHRISTMAS MENU, DOROTHY, XYL,  
AD6E; "5 MEG AL", AD6E; BOB, N6IP

(Louese con't from Page 1, col. 2)

ISQ: I dunno. But alack, dare we even think of such matters which require midnight oil burning and JUG research and interviews with Olde Ones, without consulting our parliamentary oracle, W6RGG?

ING: Right, we need RGG at the next Board meeting LOADED with guidance dogma. And remember, Contester of the Year has nothing to with big contest scores or contesting. It is for doing something for the club. It is a service award. It is a matter to be judged by the Board or a committee or whatever Bob-the-Oracle says.

ISQ: Then we may assume that the BODs will have a MM selected in time for the Award's Banquet at the Castaway Restaurant, Saturday 21 March?

ING: You may assume that. And while we are speaking of awards, may I say to all those who think they will be presented an award at the Banquet, please think now about attending or have a friend pick up your plaque for you. It is too much work to wrap and mail and pay club money for postage to ship unclaimed plaques. Your next chance to get your plaque will be Visalia.

ISQ: OK, so be there 21 March. Now, what are the club goals in '92?

ING: The goals are to have fun in contesting, courteously, of course. And make it a point to help new members develop good contest techniques.

ISQ: Maybe we should award 500K points toward the Five Meg award if a member uses a new op at his/her station as a single or in a multi-op situation.

ING: And everybody remember that if you are also a member of NCDX Club please assign your "club" score in the ARRL DX contest to the DX Club. As loyal dual citizenship members, we all want to help the DX Club beat out the SOCAL DX Club in the annual Visalia encounter.

ISQ: That's a good one. What else for the MMs?

ING: The NCCC usually puts on a pretty good effort for the WPX contest. So we are looking for ACE, N3AHA, to coordinate and organize a good club effort for that one. And always get your summary sheets to ACE after a contest, any contest.

ISQ: Good point. Further, if you have any qualms about being sure your score will be tabulated for the Five Meg award, send a second summary sheet to AL, AD6E.

ING: And if you want to see a print out of all your contest scores that have been scored for your Five Meg award, send SASE to AD6E.

ISQ: What else for the MMs this first glorious month in 1992, Columbus's 500th?

ING: Next meeting is at Harry's Hofbrau, Jan. 17, Mountain View. Meet 6, eat 7, BOD 6:15. ALEX, KI6EZ will enchant us (Louese con't page 3, col. 1)



with a slide show about his experience in the Carib with the big "OH" contest facility last October. Put a Big Notice about the meeting in a Big Box somewhere in this tabloid.

ISQ: Will put an elf right on it. And lastly, what conclusion for the MMs?

ING: I think we should issue a joint declaration of good wishes for the New Year to all the MMs, and declare for bigger contests and bigger scores in 1992.

ISQ: Yeah, we could do that.



A FUN TABLE, DAVE W6QHS, XYL BARB, KK6QM, AND RICH, N6KT



JOLLY GOOD FELLAS, LOU K6TMB, STAN K6MA, AND JOHN, N6QM



WATCHING SANTA'S EVERY MOVE, STAN K6MO, & XYL

## TROSTERROSTER

In the last go-round of '91, our headfones are off to the Big Club Award winners of the year. The trophies were presented at the Christmas Banquet and here's who got 'em.

**ROOKIE OF THE YEAR** to **JIM, WA6SDM**. He has been in the club about a year and has already competed in more contests than most of us do in 5 years. He scored in 18!

**WORLD CLASS CONTESTER** to **AL, WR6R**, who is only the fourth member to win this (others were N6KT, WA6VEF, AI6V). Al ran up his outstanding scores in the Big DX Contests from Hawaiian haunts.

**"GOTCHA AWARD"** to **TOM, N6BT**. This is the award for the op who suffered the most catastrophic problems during the year. A clear winner was N6BT, who lost his 89 foot crank -up tower and 80-10 antennas.

Congratulations to all except N6BT, who is offered condolences.

**ALEX, KI6EZ, JACK, W1FEA, and RICH, N6KT**, received their **FIVE MEG** Awards. All these fellas are Big Hitters who have won international contests. How come they are just now winning their Five Meg plaques? Answer: points for this award must all be scores within the NCCC club boundaries. N6KT has won some of the big internationals, but it was the fone SS (which he may have won from WA7NIN) which got him his Five Meg. Alex finally amassed enough from his share of points in the Curacao CQWW. W1FEA has been a member only a short time, but racks up huge scores. Congrats all.

Speaking of N6KT's spectacular Sweepstakes performance at WA7NIN, let us invite N6BT to tell the WA7NIN antenna story. Phantastic tale which Tom cleverly narrates with proper pauses and exclamations for full effect. He promises to tell it next meeting at the Hofbrau, unless he has to go back to NIN's.

We were pleased to welcome **KEN, K6HNZ** to the Xmas Banquet. He won the prize for the farthest-traveller, having staged in from Arizona. He reported that he got on for the CQWW from his Arizona QTH with a low dipole and a 100 watt exciter for a single band 15M effort. He said it was not as effective as his usual excellent seaside QTH south of Half Moon Bay. But it does demonstrate Ken's dedication to the art of contesting. Or else it indicated that it was raining too hard in Arizona to get out on the golf course. Actually, it was Ken. He likes to fight with what is at hand.

(Roster con't page 4, col 1)



(Roster con't from page 3, col 2)

A special picture presentation was made by TOM, N6BT, Santa Claus, to BOB, N6TV, the debonaire, man-of-the-world, playing beach boy, at least on Aruba during the CQWW. It seems that while everyone else was working hard at contesting, Bob was galavanting about the beach, thinking no one was watching. However, JUG has its investigative reporters roaming the world for just such explosive episodes as these. As a token of remembrance of the trip, N6BT presented our hero with a full blown picture of himself posing with "Sandy", a winsome little thing he tried to pick up on the P4 beach. Trouble was that the fickle female crumbled and disappeared under Bob's touch.....or was it the tide. But the photo caught the moment and here it is for all to see and believe. Bob vows to return to Aruba again and again to search for his dissolved doll.

VPCC ACE, N3AHA has another interesting column in Worldradio about County Hunters. He's a regular columnist with an article every other month. For you OTs who have "worked 'em all", and who can't contest every day, relax and try your luck working all 3076 US of A counties on 14,056, all CW, of course.

## HENRY'S HONKINGS

NCCC Treasurer's Report July 1, 1991 through December 23, 1991

	BUDGET	TO DATE
Membership Dues	\$3,000.00	\$2,864.00
Donations		\$1,377.40
JUG and Roster Ads	\$670.00	\$270.00
JUG and Roster Publishing	(\$1,800.00)	(\$1,136.85)
CQP	(\$1,000.00)	(\$248.14)
Membership Awards	(\$1,000.00)	(\$126.11)
Visalia Hospitality	(\$200.00)	\$0.00
Self-funding Events	\$0.00	(\$7.40)
Sponsored Awards	(\$150.00)	\$0.00
Contingency Fund	(\$200.00)	(\$47.05)
<b>Total</b>	<b>(\$680.00)</b>	<b>\$2,945.85</b>

### Notes:

As of December 23, 1991, the balance in our Wells Fargo checking account is \$3117.36. (The repeater fund does not belong to the club; I do not include it in the Treasurer's report.)

Respectfully Submitted, Henry Stewart, Secretary/Treasurer, KJ6LD  
12/23/91

## NCCC MEMBERS BY ARRL SECTION

### SANTA CLARA VALLEY 66

MONTEREY 1  
SAN BENITO  
SAN MATEO 15  
SANTA CLARA 47  
SANTA CRUZ 3

### EAST BAY 30

ALAMEDA 11  
CONTRA COSTA 15  
NAPA 2  
SOLANO 2

### SACRAMENTO VALLEY 10

ALPINE  
AMADOR 3  
BUTTE  
COLUSA  
EL DORADO  
GLENN  
LASSEN  
MODOC  
NEVADA 2  
PLACER 2  
PLUMAS  
SACRAMENTO 2  
SHASTA  
SIERRA  
SISKIYOU  
SUTTER  
TEHAMA  
TRINITY  
YOLO 1  
YUBA

### SAN FRANCISCO 9

HUMBOLDT  
DEL NORTE  
LAKE 1  
MARIN 1  
MENDOCINO 1  
SAN FRANCISCO 5  
SONOMA 1

### SAN JOAQUIN VALLEY 5

CALAVERAS  
FRESNO 1  
KERN 1  
KINGS  
MADERA  
MARIPOSA  
MERCED  
MONO  
SAN JOAQUIN 2  
STANISLAUS 1  
TULARE  
TUOLUMNE

### LOS ANGELES LOS ANGELES

### ORANGE 1

INYO  
ORANGE 1  
RIVERSIDE  
SAN BERNARDINO

### SANTA BARBARA 1

SAN LUIS OBISPO 1  
SANTA BARBARA  
VENTURA

### SAN DIEGO

IMPERIAL  
SAN DIEGO

### OUTSIDE CALIFORNIA

### NEVADA 4

### ARIZONA 1

### WYOMING 1

### WEST WASHINGTON 1

### HAWAII 1

### NEW JERSEY 1

### VIRGINIA 1

### DX 3

### TOTAL 135

73, Ace N3AHA



## CHRISTMAS BANQUET

Folks, if you didn't cast your lot at the Castaway Restaurant on 21 December, you missed another great Christmas party with permanent Santa Claus, **TOM, N6BT**. This Christmas Banquet was the 14th time Tom assumed the Master of Fun role in Santa Claus guise. Each time the fun has been bigger and better than the year before, and this year topped'em all.

Santa's presents, as usual, were carefully selected to match the personality of each recipient. Gifts ranged from caviar to pickles, so you can draw whatever conclusions seem appropriate. And again Tom searched the world to discover new brews of beers from exotic DX lands. Everyone had a merry time and lots of laughs with Santa Tom's games. Hearty thanks Tom. For the rest of us, better make reservations early for next year!



TOP: SANTA TOM N6BT, IN FRONT OF THE TABLE LADEN WITH WONDEROUS GIFTS, GREETING THE NCCC'RS WITH MUCH WIT AND STYLE



LEFT: SEASONAL TYPES READY FOR THE FUN MAGGI, KC6NFE; FRED, K6YT, AND XYL LYNNE; ELSIE AND BIP, W6BIP

## NEXT MEETING

JANUARY 17, 1992

HARRY'S HOFBRAU

399 West El Camino Real Mt. View

Board Meeting 6:14 pm

Beginnings 6:03 pm Eatings Cafeteria style 6:56 pm

Program 7:37 pm.

FEATURING ALEX, KI6EZ

Narrating slide show of the HUGE "OH" Contexpedition on Curacao during CQWW Fone.

### DIRECTIONS TO HARRY'S HOFBRAU

From either direction on Highway 280, take Highway 85 toward Bay. Take El Camino Real, north. Go 3 to 4 blocks to Harry's on left.

From Bayshore 101, driving south, take west off at Highway 85, to El Camino Real. Turn north on El Camino 3 to 4 blocks to Harry's on left.

From Bayshore 101, driving north, turn off at Moffatt Blvd, Highway 237. Drive west to El Camino Real, turn north, go 3 to 4 blocks to Harry's on left.



GETTING THEIR JUST AWARDS:  
AL WR6R WITH PREXY LOUESE  
KA6ING; AT RIGHT TOP, BOB  
K3EST; BELOW: JACK, WIFEA



# 5 MEG AWARD SCORES

Compiled by AD6E

If you would like a print out of contest scores credited to you, send SASE to AD6E

1	WA6VEF	20,448,292	64	NV6Z	1,323,315
2	K3EST	19,699,552	65	NB6G	1,318,720
3	N6RO	18,307,022	66	AA6QY	1,205,788
4	K6HNZ	18,071,246	67	W6XB	1,167,667
5	N6IG	16,507,574	68	K6PJY	1,153,207
6	WZ6Z	15,706,274	69	W0RF	1,128,368
7	N6EK	15,573,351	70	N6TU	1,118,347
8	KI3V	14,721,962	71	WC6I	1,048,362
9	NC7K	14,717,721	72	N6ST	1,026,960
10	N6TIB	13,751,745	73	W6XX	996,747
11	K6TMB	12,169,741	74	W6EEN	990,222
12	W1FEA	12,008,527	75	NT7E	967,365
13	NU6S	11,542,259	76	NX6D	890,127
14	WA6AUE	10,676,538	77	K6LRN	887,106
15	N6TV	9,207,836	78	W0ZZ	719,296
16	WX6M	7,890,209	79	KK6QM	708,554
17	W6FSJ	7,632,198	80	W6OSP	631,469
18	AD6E	7,222,462	81	KA6ING	609,594
19	W6RGG	7,174,066	82	K6RK	513,307
20	W6BSY	6,895,178	83	WN4KK	502,801
21	N6CCL	6,008,782	84	KI6YB	471,032
22	N6KT	5,884,164	85	AF6S	464,500
23	KI6EZ	5,620,137	86	W6VG	423,612
24	AJ6V	5,389,883	87	W6FAH	416,414
25	W6ISQ	5,232,341	88	N6JL	415,044
26	VE7NKI	5,041,912	89	KJ6LD	358,745
27	W6BIP	4,745,546	90	K6KLY	330,453
28	AG6D	4,549,590	91	N6DM	328,464
29	AI6V	4,505,144	92	N6BIS	323,595
30	N1EE	4,167,193	93	K4TKM	319,880
31	NF6S	4,167,078	94	K6WJ	282,384
32	W6QAT	3,858,962	95	WU7Q	252,900
33	N6IP	3,857,045	96	KN6K	245,797
34	N3AHA	3,439,310	97	W6RJ	228,517
35	AA6PG	3,398,376	98	NI6T	223,800
36	NB6L	3,386,013	99	K6MO	213,086
37	NP4IW	3,236,041	100	W7XA	198,404
38	N6DA	3,098,575	101	K6CSL	189,554
39	KI6CG	2,851,615	102	W6WB	184,920
40	K6MA	2,784,545	103	KA6W	181,355
41	AA6KX	2,775,028	104	KJ6FD	164,008
42	K4UVT	2,723,886	105	AA6T	158,115
43	WC6H	2,569,908	106	AE6Y	146,490
44	N6GG	2,469,075	107	WA7NIN	124,616
45	W6QHS	2,318,404	108	N6XI	117,149
46	KS6H	2,285,513	109	WB6CJE	116,250
47	K6SIK	2,257,137	110	CE3AQI	88,491
48	WR6R	2,194,805	111	W6MFZ	87,968
49	N6BT	2,143,103	112	WW6D	71,186
50	WB6SHD	2,139,622	113	N6RA	61,344
51	K6XO	2,136,965	114	K6KM	59,806
52	W6SZN	2,085,426	115	KA6LAF	53,400
53	KF6VU	1,951,774	116	W6CF	45,708
54	K0RF	1,836,922	117	W6KZJ	32,980
55	K6PU	1,819,260	118	AA6LF	29,341
56	WB6MZQ	1,807,323	119	K6YT	28,905
57	N6EE	1,755,960	120	WB6DSV	28,620
58	K6HIH	1,621,398	121	WA0YQM	24,680
59	WA6SDM	1,607,495	122	W6SYL	21,351
60	KE6ZE	1,492,039	123	AE0M	19,686
61	N6ZB	1,420,536	124	N7NG	11,310
62	N6VV	1,366,187	125	W6DPD	11,016
63	WX0B	1,346,916			



## UPCOMING CONTESTS

### JAN

4-5 ARRL RTTY ROUNDUP  
11-12 NA QSO PARTY - CW  
18-19 NA QSO PARTY - SSB  
18-19 ARRL VHF CONTEST  
25-26 CQ WW 160M - CW  
25-2 ARRL NOVICE ROUNDUP

### FEB

1-2 NA SPRINT - CW  
8-9 NA SPRINT - SSB  
15-16 ARRL DX - CW  
22-23 CQ WW 160M - SSB



BEACH BOY BOB, N6TV AND "SANDY"



ADMIRING AWARD GIVEN JIM, WA6SDM, RIGHT, ARE ACE, N3AHA, AND BOB, N6EK

## SAGA OF THE BEES CONTINUED

Having been deluged with inquiry about the long absence of Captain Cassidy's Bee Training Epic we now put fears to rest, and present final episode:

### THE ODD ONE

#### CHAPTER VII, SOCIAL STRUCTURE

by Hugh Cassidy, WA6AUD

Meanwhile, on warm days you can stand off to the side of the entrance, and observe the social structure of the hive. You will note guards walking their beat, performing their assigned duties which are to prevent any one not of the hive to enter. They expect the returning workers to check in for the smell test, the workers, figuring that their time is valuable, try to rush by the guards. The guards will leap into the air trying to catch the culprits. Absolutely engrossing!

Ants will also try to break into the hive looking for a quick lunch. The guards will chase these away. Persistence does not work for the ants, when they do make a nuisance of themselves, the guard bee will actually turn and kick them off the landing platform with a sturdy blow from one of their back legs. And, if the ant is both persistent and agile, the guard will give them the full treatment. This means the ant is picked up by the bee, the bee flies away from the hive and unceremoniously drops the ant from any handy height.

Robber bees will also come, flying in like they are coming home from a hard day of foraging. Area will fly directly into the hive without first landing and then walking in, seeking to circumvent the check point.

You can see a robber bee sneak into the hive, they usually are black, grey and a bit tattered. They fly right by the guards, the guards sound an alert. And in a few seconds the robber bee will be literally dragged out of the hive by two or three heavy bees and flung over the side. Actually, both sides are trying to get in a quick sting. It is surprising to see how much they can fight without anyone being damaged.

On hot days the ventilating bees will line up at the entrance, beating their wings as fast as they can and forcing air into the hive for cooling.

When a new crop of workers have hatched, they first must put in their time at housekeeping duties before being promoted to the rank of "Forager". You will see these newly promoted bees flying in front of a hive, heads always facing to the hive and just hovering there and getting their orientation fixed for future navigational needs. They will do this for hours and it will be often noted during the summer months.

You can see returning foragers doing a dance on the landing platform to advise those leaving where flowers and nectar can be found. You can see all this and a lot more. And if you do not visit the hive for a month or so, as long as they have room to store honey and pollen, for you they will work a full day every day of the week. Only cold weather, below fifty degrees, or some inclement weather will keep them in the hive.

And when you visit with our neighbors over the back fence, let them know you are among the esoterics. A Beekeeper! And your craft lineage goes back to Biblical times and such further. A honorable and fascinating endeavor. And you have hardly started on the great work.

If you have lasted this far you have qualified for the first level in the Master Beekeeping Course. Now when people ask how you actually get the honey, you can smile knowingly, nod your head and say: "Why, it's rather simple. All you do is open the spout on the bottom side of the hive and the honey pours out. Just hold your jug steady".

As you learn more about honey bees, and everyone should, you will find that they have a very organized social structure, with job assignments, upward mobility and a long cultural lineage which is sometimes evident. On a warm summer evening often you can see bees clustered outside the hive on the landing board and the front of the hive. If they are Italian bees and you listen closely, some beekeeper say that you will hear them singing in chorus. What are they singing "Torna a Surriento". Naturally.



# NCCC SCORES

**YASME** Foundation  
P.O. Box 2025 Casiro Valley, California 94546

BANGKOK, THAILAND  
12 DECEMBER 1991

DEAR FRIENDS,

WE HAVE JUST COMPLETED A SUCCESSFUL OPERATION IN BANGKOK, THAILAND, AS HSBZAP.

JOHN VAJO HSBZAA, HAS BEEN INSTRUMENTAL IN GETTING LICENSES FOR FOREIGN AMATEURS, ALSO IN ASSISTING THAI NATIONALS IN QUALIFYING OPERATING. HE IS CUSTODIAN OF RADIO STATION HSBAC. IT WAS THROUGH HIS EFFORTS, ALSO VIKROM, HSLNB, PRESIDENT OF RAST, THAT WE OBTAINED RECIPROCAL LICENSES AND PERMISSION TO USE THE CLUB STATION.

HOME LICENSES ARE MUCH MORE DIFFICULT AND THE RED TAPE TAKES A GREAT DEAL OF TIME.

WE OPERATED FROM THE CLUB STATION USING THEIR ANTENNA AND OUR EQUIPMENT. WE LIVED AT A GUEST HOUSE LOCATED 22 MINUTES WALK AWAY. WE WERE TOLD IT WAS 5 MINUTES BUT IT TOOK US 22 MINUTES THE BANDS WERE NOT GOOD AND WE WERE NOT AT THE STATION CONTINUOUSLY AND OFTEN MISSED SOME OF THE SPORADICALLY GOOD OPENINGS.

WE MADE OVER 1500 CONTACTS AND CONTACTED 120 COUNTRIES, WHICH WILL EVENTUALLY ASSURE US OF DXCC.

WE ATTENDED THE SEANET CONFERENCE IN CHIANGMAI, THAILAND, AND ENJOYED IT VERY MUCH.

WE GO NOW TO VIETNAM WHERE WE MAY OR MAY NOT GET PERMISSION TO OPERATE.

13 ES 88  
LLOYDN6K6 1R15 W6QL

*Lloyd - Jane*



"IS THAT REALLY SANTA CLAUS,  
DON?" ASKS XYL MARY OF N6DA

## Key to Categories:

- S/O = Single-op
- S/U = Single-op, assisted
- M/S = Multi-single xmtr
- M/2 = 2 xmtr multi-multi
- M/M = Multi-multi
- 10m = Single-band 10

## 1991 ARRL SS CW Claimed Scores:

Call	Qs	Mults	NCCC Points	Cat
N5AU (WN4KKN)	1384	77		S/O
WA7NIN (N6TV)				S/O
N6RO	1205	77	185,570	S/O
KI3V/7	1196	77	184,184	S/O
WA6AUE	1065	77	164,010	S/O
N6EK	1022	76	155,344	S/O
W1FEA	971	76	147,592	S/O
W6BIP (+N1EE)	905	77	139,370	M/S
NC7K	814	76	123,728	S/O LOW
WB6CJE	775	75		S/O
VE7NTT	616	71		S/O 10
AEOM	193	51	19,686	S/O
W6CF	111	43	9,546	S/O

## 1991 CQ WW SSB Claimed Scores:

Call	Qs	Zones	DX	NCCC Points	Cat
WR6R/KH6	4777	126	238	5,091,996	S/O
W6QHS	2570	155	447	4,251,324	M/S
+ W0ZZ, K0RF, KK6QM, N6TV, WZ6Z					
W6GO	2421	154	444	3,777,566	M/S
+AA6LB, AA6WJ, N6IG, NB6G, NV6O	338			1,259,188	
NH6T	2658	92	155	1,934,998	S/O LOW
AA6PG	1421	122	260	1,492,092	S/O
AG6D	1254	129	292	1,332,465	M/S
KI3V	830	118	272	828,750	S/U
N6DA	884	98	217	751,275	S/O
W6BSY	816	97	239	741,888	S/O
N6EK	984	102	184	740,454	S/O
N6CCL	621	98	234	523,896	S/U
N6ST	468	93	246	420,699	S/U
W6EEN	593	93	202	409,165	M/S
W6FSJ	444	85	173	305,988	S/O
KE6ZE	471	87	142	278,464	S/O
VE7NKI	1291	23	50	196,370	S/O 10
WX6M	658	27	77	181,684	S/O 10
K4UVT/6	262	66	111	121,422	S/O
K6LRN	170	66	110	80,432	S/U
N6XI	186	54	109	79,218	S/U
K6PU	166	29	74	44,393	S/O 10
W6BIP	104	25	55	21,600	S/O 10

## CQ WORLD WIDE DX CONTEST 1991

Call: W6QHS Country: United States  
Mode: SSB Category: Multi Single

BAND QSO QSO PTS PTS/QSO ZONES COUNTRIES

160	8	14	1.75	7	7
80	58	139	2.40	15	33
40	394	1137	2.89	30	74
20	514	1423	2.77	38	128
15	1077	2957	2.75	35	121
10	510	1372	2.69	30	84

Totals 2561 7042 2.75 155 447 => 4,239,284

All reports sent were 59(9), unless otherwise noted.

Operator List: W6QHS, KK6QM, WZ6Z, K0RF, W0ZZ, N6TV

Equipment Description: TS950/ALPHA 87; TS950/TEN-TEC TITAN; IC765/(1)x8877

ANTENNAS: 10M7, 105BA, 15M6, 155BA, 204BA, 205BA, TH7, 40-2CD, 80 D 160 DP



## MORE NCCC SCORES

### 1991 ARRL 55 SSB Claimed Scores:

Call	Qs	Mults	NCCC Points	Cat
K13V/7	2056	77	316,624	S/O
W6BSY	1548	77	238,392	S/O
W6BIP	764	74	113,072	S/O
W1FEA	417	72	60,048	S/O
N6EK + AA6LF	481	61	58,682	M/S
N6RO	256	67	34,304	S/O
W6CF	123	49	12,054	S/O

### 1991 CQ WW CW Claimed Scores:

Call	Qs	Zones	DX	NCCC Points	Cat
W6GO	2136	158	421	3,445,629	M/S
		NB6Q	20%	689,125	
AG6D (+5 OPS)	1957	146	352	2,670,000	M/S
K13V/7	1412	142	353	1,945,350	S/U
QB5CW (AA6MC)	2307	108	360	1,917,396	S/U
N6DA				1,200,000	S/O
NF68	996	118	256	1,062,160	M/S
N6EK	1073	119	217	1,017,744	S/O
AA6KX	478	118	232	447,300	S/O
NT7E	552	99	188	440,545	S/O
W6BIP	418	128	245	424,474	S/O
W6QHS	662	31	91	231,434	S/O 10
N16T	279	110	190	223,800	S/U
K6HIM	370	93	130	218,763	S/O
WA6AUE	561	32	107	218,508	S/O 40
W6BSY	508	32	93	165,875	S/O 15
N6GG	208	89	134	127,333	S/O
K4UVT/6	212	57	99	86,580	S/O
W6ISQ	229	28	65	61,380	S/U 10
W1FEA	317		65	58,240	S/O
K6LRN	143	58	83	52,875	S/O
AJ6V	170	35	64	46,728	S/O
WX6M				24,309	S/O
K16YE	109	26	54	23,680	S/O 20
N6XI	45	16	25	5,002	S/O
W6PAH	32	18	19	1,210	S/O 40

### 1991 ARRL 10 Meter Contest Claimed Scores:

Call	Qs	Mults	NCCC Points	Cat
W1FEA	2655	213	1,430,934	S/O
W6PAH	1144	51	58,344	S/O

### MISCELLANEOUS SCORES

#### 1991 ARRL 160 CONTEST

AA6KX	363	61	3	50,112	CW
W1FEA	232	62		29,698	CW

#### 1991 FALL SPRINT

N6RO	283	47		13,301	SSB
N6RO	274	41		11,234	CW
AJ6V				10,530	CW
W1FEA	230	41		9,430	CW



AND A GOOD TIME WAS HAD BY ALL! FROM TOP:  
CHUCK K6RK; RON NG6X; SUSAN KB6VVX,  
AND BOB N6EK; TOM N6BT, GARY WA6VEF,  
NIKKI VE7NKI; AND KEN K6HNZ



— 11 STORE BUYING POWER —



# HAM RADIO OUTLET

WORLDWIDE DISTRIBUTION

**Phone Hours:**

9:30 AM to 5:30 PM

**Store Walk-In Hours:**

10:00 AM - 5:30 PM

Closed Sundays

**NOW TOLL FREE IN CANADA!**

**CALL TOLL FREE:**

West ..... 1-800-854-6046

**-NEW ADDRESS-**

SUNNYVALE, CA 94086  
510 Lawrence Express #102  
(408) 736-9496  
(800) 854-6046  
Tom KR6LUC, Mgr.  
Lawrence Express  
500 North Hwy 101

**OAKLAND, CA 94606**

2210 Livingston St  
(510) 534-5757  
(800) 854-6046  
Ron WA9WYB, Mgr.  
2210 Livingston St

ICOM

**IC-765**



100W HF Transceiver  
General Coverage Receiver  
Maximum Operation Flexibility

ICOM

**IC-735**



100W 12 volt • 12 channel memory  
General Coverage • IF Notch & QSK

ICOM

**IC-725**



100W General Coverage  
Receiver, HF All Band  
Compact Transceiver

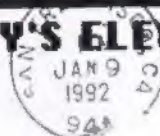
**FEBRUARY IS ICOM MONTH AT HRO**

**AT SUNNYVALE STORE FEB 1**

**AT OAKLAND STORE FEB 22**

— **NEW LOCATION! NOW IN SUNNYVALE** —

**ACROSS EXPRESSWAY FROM FRY'S ELECTRONICS**



January 1991 JUG

NCCC

44 Toyon Terrace

Danville, CA 94526

FIRST CLASS

Rusty Epps W6OAT

651 Handley Trail

Redwood City, CA 94062

92

FIRST CLASS

FIRST CLASS